



Command= 210-

Point#, Start#-End# or G#= 1-200

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
-----01-21-2025-----15:39:47-----D:...\BMHOME11							
		112.21	setpk	1	5000.0000	5000.0000	
		112.53	sethub	2	4979.8007	4814.1545	TRA
		114.93	corgar*	3	4930.7435	5044.7569	SS
		113.15	corep	4	4941.9253	5070.6042	SS
		113.70	ep**	5	4974.5208	5036.8733	SS
		115.22	garslab	6	4942.8490	5031.5060	SS
		115.81	bottrm**	7	4955.7757	5018.2972	SS
		112.85	ep**	8	4992.3767	5008.4493	SS
		114.11	edgwkep	9	4971.4594	5013.2113	SS
		114.49	edgwlk	10	4965.5372	5009.0056	SS
		114.73	edgwlk**	11	4961.1424	5002.9579	SS
		115.80	edgwlk	12	4949.3259	4994.4232	SS
		116.16	edgwlk	13	4940.4599	4986.2818	SS
		116.19	edgwlk	14	4931.2291	4979.1917	SS
		115.98	edgwlk	15	4923.9062	4969.8749	SS
		114.46	toptnk*	16	4924.7973	4969.2938	SS
		115.81	edgwlk	17	4914.7701	4963.3902	SS
		115.73	edgwl@wl	18	4902.2559	4964.3280	SS
		115.84	edgwlk	19	4895.3105	4969.2577	SS
		116.32	corhse	20	4907.5589	4973.2993	SS
		117.24	tpcorstp	21	4921.0412	4981.3131	SS
		118.50	thrshld	22	4920.5973	4991.3726	SS
		117.33	tpcrstp*	23	4930.3327	4990.0801	SS
		116.37	corhse	24	4939.0807	5000.2868	SS
		110.64	edglwn	25	4863.1728	4929.3077	SS
		111.01	edglwn	26	4881.3999	4919.1437	SS
		110.68	edglwn	27	4893.8304	4906.6237	SS
		110.98	edglwn	28	4898.3489	4894.5184	SS
		111.86	bmnl16ok	29	4925.3938	4901.0301	SS
		111.28	gas	30	4958.8692	4910.5536	SS
		111.17	gas	31	4971.4155	4895.8618	SS
		111.66	gas	32	4982.2684	4880.4074	SS
		111.32	gas	33	4944.9852	4918.2714	SS
		110.53	gas	34	4929.9508	4920.7510	SS
		111.48	gas	35	4914.8403	4926.9168	SS
		113.89	gas	36	4904.2453	4940.6045	SS
		115.04	gas	37	4895.7102	4956.2623	SS
		112.38	gnd	38	4887.8101	4932.2493	SS
		114.87	gnd	39	4921.7611	4950.0021	SS

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
-----01-21-2025-----15:39:47-----D:... \BMHOME11							
	114.60		gnd	40	4947.9000	4967.5675	SS
	112.93		topindbx	41	4948.7738	4966.8994	SS
	114.19		gnd	42	4961.6926	4984.4852	SS
	113.20		epedglwn	43	4980.8578	5003.2134	SS
	113.20		edglwn	44	4973.0242	4994.3557	SS
	114.65		edglwn	45	4959.9783	4992.4913	SS
	115.10		edglwn	46	4954.0668	4992.3251	SS
	115.64		edglwn	47	4936.4233	4977.3825	SS
	115.36		edglwn	48	4921.8665	4962.2386	SS
	115.32		edglwn	49	4911.2481	4958.3238	SS
	115.63		edglnwlk	50	4906.3011	4962.6737	SS
	113.67		edglwn	51	4924.8477	4937.8998	SS
	113.32		edglwn	52	4934.4919	4937.5150	SS
	113.38		edglwn	53	4945.2152	4947.1955	SS
	113.09		edglwn	54	4955.0731	4956.2494	SS
	113.27		edglwn	55	4964.2220	4972.4599	SS
	112.61		edgendwl	56	4976.6555	4985.6736	SS
	111.95		@wll	57	4988.4558	4986.4511	SS
	111.64		@wll	58	4988.3410	4976.4143	SS
	112.00		@wll	59	4977.3309	4975.7166	SS
	112.21		@wll	60	4967.6086	4963.2865	SS
	113.10		topwl**	61	4961.0509	4951.5431	SS
	112.24		@wll	62	4948.9886	4940.1889	SS
	111.23		edglwn**	63	4974.0377	4929.6796	SS
	111.72		bmnlstmp	64	4988.9306	4927.2979	SS
	111.19		edglwn	65	4980.5335	4942.4850	SS
	110.94		edglwn	66	4995.0369	4949.4732	SS
	112.10		epdr	67	4995.8908	4989.5810	SS
	110.98		epdr	68	5022.7086	4970.5607	SS
	110.63		epdr	69	5037.8666	4956.2916	SS
	111.13		cbasin	70	5056.5494	4921.4230	SS
	112.02		topsb*	71	4888.5670	4783.7393	SS
	112.59		ep	72	4962.1383	4834.2044	SS
	112.32		epgas	73	4996.0382	4865.4142	SS
	111.87		gas	74	4990.5811	4871.8968	SS
	111.84		ep	75	5027.3914	4894.9153	SS
	110.35		topipin	76	5068.4063	4952.7758	SS
	111.53		coredglwn	77	4948.1242	4851.9966	SS
	111.50		edglwn	78	4938.5116	4884.7345	SS
	111.16		edglwn	79	4950.0349	4897.9020	SS
	111.19		spruce	80	4964.7578	4891.5053	SS
	111.87		bmnl	81	4925.3907	4901.0093	SS
	112.42		@endwll	82	4919.7880	4926.9310	SS
	115.30		edglwn*	83	4898.0798	4959.6902	SS
	115.17		edglwn*	84	4891.4863	4959.7892	SS
	114.81		edglwn*	85	4887.1665	4955.4690	SS
	114.61		edglwn*	86	4881.4022	4956.6522	SS
	114.81		edglwn*	87	4879.5377	4964.2103	SS
	115.41		corhse*	88	4882.4352	4979.6703	SS
	113.96		irrbxs**	89	4869.3221	4966.8854	SS
	111.80		elcab**	90	4854.5718	4962.1914	SS
	113.69		elcab**	91	4864.6283	4974.9531	SS
	113.69		corhse**	92	4872.3826	4990.0012	SS
	112.79		corprch	93	4863.5950	5000.8892	SS
	109.63		sethub	94	4834.3832	5015.0839	SS

APPROVAL FOR CONSTRUCTION

CA2012110593

CA2012110593

APPROVAL NO.

PO BOX 95, 29 HAZEN DRIVE, CONCORD, NH 03302-0095

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

OWNER: ALEXANDER/MOIRA MCKINNON

5 GALE RD

HAMPTON NH 03842

Map No./Lot No.: 1997000115

Subd. Appvl. No.: JAMES FARNHAM

Subd. Name: ROCKINGHAM

County: 5248

Registry Book No.: 2284

Probate Docket No.: (If Applicable)

COPY SENT TO:

BUILDING INSPECTOR

100 WINNACUNNET RD

HAMPTON NH 03842

Town/City Location:

5 GALE ROAD

BY APPLICANT: PERMIT NO. 00348

STOCKTON SERVICES

PO BOX 1306

HAMPTON NH 03843-1306

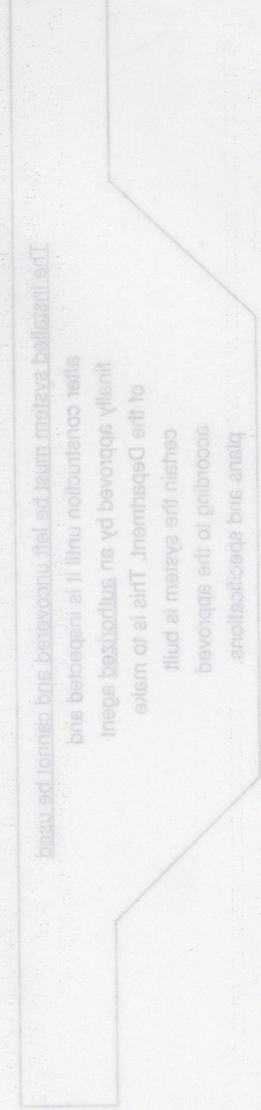
Street Location:

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure. (RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Ws 1503.04)

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES
IN PLANS AS INDICATED BELOW CONDITIONS

1. THIS APPROVAL IS VALID FOR 90 DAYS FROM DATE OF SAID APPROVAL, PER ENV-WQ 1003.22.



APPROVAL FOR CONSTRUCTION

APPROVED FOR CONSTRUCTION

APPROVED FOR CONSTRUCTION

By: N.H. Department of Environmental Services Staff

Amended by: (OVER)

Approved this date:

Date amended:

REVISED 8/01

201203592

APPLICANT'S INSTALLER'S

PT PERC TEST DATA

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES IN PLANS AS INDICATED ON THIS CONDITIONAL APPROVAL.

SOURCE PREVIOUS APPROVAL CA1997003940

PERC RATE: 8 MIN/IN

DESIGN LOADING: EXISTING 4 BEDROOM HOUSE OF ENVIRONMENTAL SERVICES

AREA REQUIRED: 1000 SQ FT REQUIRED

AREA PROPOSED: 15' X 68' = 1020 SQ FT PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

PREVIOUS APPROVAL #CA1997003940

LOCUS: 5 GALE ROAD

HAMPTON, NH

TAX MAP 23 LOT 4

OWNER: ALEXANDER & MOIRA MCKINNON

5 GALE ROAD

HAMPTON, NH 03842

APPLICANT:

STOCKTON SERVICES

PO BOX 1306

HAMPTON, NH 03843-1306

DATE: SEPTEMBER 26, 2012

APPROVAL:

643

RECEIVED

OCT 04 2012

NHDES LAND RESOURCES MANAGEMENT



CHAIRPERSON

DATE _____

APPROVED 5.27.97

Charles R. Ransom

CHAIRMAN, HAMPTON PLANNING BOARD

D-25489

JAMES K. AND CHERYL A. FARNHAM
FOR
GALE ROAD
COUNTY OF ROCKINGHAM
HAMPTON, NH

SUBDIVISION PLAN

RICHARD P. MILLETTE AND
CIVIL ENGINEERS

REV. 2	ADD UTILITY EASEMENT AND NOTES 8 AND 9	04/02/87
REV. 1	REVISE INTERIOR LOT LINE	03/17/87

PLAN REFERENCE:

PLAN OF SUBDIVISION, MAPS 1 AND 2 FOR ALBUQUERQUE, NEW MEXICO, 2777
DALE ROAD, COUNTY OF RIOGRANDE, HAMPTON AND HAMPTON FALLS, N.M., DATED 02/21/95
WITH REVISION 1 DATED 02/21/95 BY RICHARD P. WILLETTTE, AND ASSOCIATES, RECORD PLAN NO. 23392.

BOUNDARY INFORMATION IS AS SHOWN ON "ALBUQUERQUE SUBDIVISION, HAMPTON AND HAMPTON FALLS, N.M., DATED 02/21/95, MAPS 1 AND 2, SHEETS ASSIGNED THROUGH 14 OF 34, DATED NOV. 1987, REEXAMINED 5/21/92, PREPARED BY HOYLE, TAMMER & ASSOCIATES, INC., 10000 ALBUQUERQUE, N.M. 87113, AND 10000 ALBUQUERQUE, N.M. 87113, DRAWINGS NUMBERS P-1, P-2, AND P-3, SHEETS 1 THROUGH 11 OF 11, DATED 9/16/91, AND PREPARED BY HOYLE.

INTERMEX, NEW HAVEN, CT, MODEL 1 MD, 70700, RUSK FOR #2-21000.

REV. 2	ADD UTILITY EASEMENT AND NOTES 8 AND 9	04/02/87
REV. 1	REVISE INTERIOR LOT LINE	03/17/87

RICHARD P. MILLETTE AND ASSOCIATES
CIVIL ENGINEERS
LAND SURVEYORS

DATE ENGINEERED SUBDIVISION PLAN LAND CONVEYORS

ES K. AND CHERYL A. FARNHAM

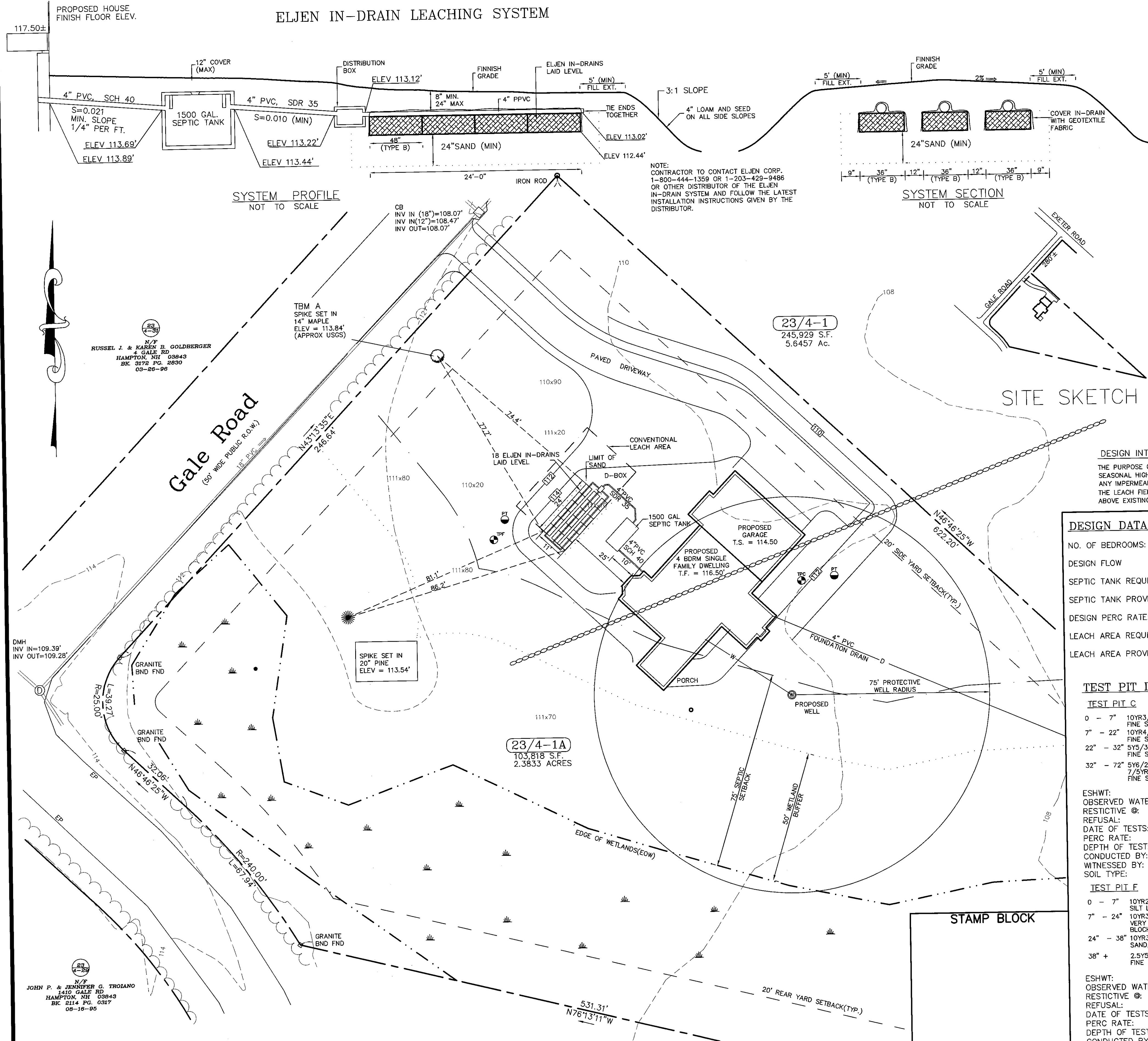
GALE ROAD
COUNTY OF ROCKINGHAM

HAMPTON, NH

SCALE: 1" = 50' (IN FEET) DATE: MARCH 4, 1997

FARSD50>

#96198



ELJEN IN-DRAIN LEACHING SYSTEM

SYSTEM PROFILE
NOT TO SCALE

SYSTEM SECTION
NOT TO SCALE

SITE SKETCH

DESIGN INTENT:

THE PURPOSE OF THIS DESIGN IS TO MAINTAIN AT LEAST 4.0' ABOVE SEASONAL HIGH WATER TABLE AND 6.0' ABOVE LEDGE OR ANY IMPERMEABLE SUBSTRATUM BY CONSTRUCTING THE BOTTOM OF THE LEACH FIELD AT THE ELEVATION OF 112.44' WHICH IS 10' ABOVE EXISTING GROUND AT THE HIGHEST POINT.

DESIGN DATA:

NO. OF BEDROOMS:	4 BDRMS
DESIGN FLOW	4 BDRMS x 150 GAL/BDRM/DAY = 600 GAL/DAY
SEPTIC TANK REQUIRED:	1500 GAL
SEPTIC TANK PROVIDED:	1500 GAL (NO GARBAGE DISPOSAL)
DESIGN PERC RATE:	8 MIN/INCH
LEACH AREA REQUIRED:	1000 S.F. (CONVENTIONAL)
LEACH AREA PROVIDED:	USE TYPE "B" ELJEN IN-DRAIN UNITS @ (3.5 + 0.125 x 8) x 600/150 = 18 UNITS

TEST PIT DATA:

TEST PIT C	
0 - 7"	10YR3/2, DARK GRAYISH BROWN FINE SANDY LOAM, GRANULAR, FRIABLE
7" - 22"	10YR4/4, DARK GRAYISH BROWN FINE SANDY LOAM, GRANULAR, FRIABLE
22" - 32"	5Y5/3, (OLIVE) w/ 10YR4/4 w/ MOTTLES FINE SANDY LOAM, MASSIVE, FRIABLE
32" - 72"	5Y6/2, LIGHT OLIVE GRAY AND 7.5YR4/6, STRONG BROWN w/ MOTTLES FINE SANDY LOAM, PLATY, FIRM.

ESHW:	22"
OBSERVED WATER:	32"
RESTRICTIVE @:	32"
REFUSAL:	NONE
DATE OF TESTS:	11/19/96
PERC RATE:	8 MINUTES/INCH
DEPTH OF TEST:	22 INCHES
CONDUCTED BY:	LAWRENCE E. MORSE
WITNESSED BY:	N/A
SOIL TYPE:	447A - SITUATE- NEWFIELDS COMPLEX

TEST PIT F	
0 - 7"	10YR2/2, VERY DARK BROWN SILT LOAM, GRANULAR, FRIABLE
7" - 24"	10YR3/6, YELLOWISH BROWN VERY FINE SANDY LOAM, SUBANGULAR BLOCKY, FRIABLE
24" - 38"	10YR3/4, DARK YELLOWISH BROWN SAND, GRANULAR, FRIABLE
38" +	2.5Y6/4, LIGHT OLIVE BROWN FINE SAND, ANGULAR BLOCKY, FIRM

ESHW:	38"
OBSERVED WATER:	38"
RESTRICTIVE @:	72"
REFUSAL:	N/A
DATE OF TESTS:	2/7/97
PERC RATE:	N/A
DEPTH OF TEST:	N/A
CONDUCTED BY:	LAWRENCE E. MORSE
WITNESSED BY:	N/A
SOIL TYPE:	447A - SITUATE- NEWFIELDS COMPLEX

STAMP BLOCK

LEGEND

	PROPOSED LIMIT OF WOODS
	EXISTING LIMIT OF WOODS
	PROPOSED DRAIN
	EXISTING DRAIN
	PROPOSED WATER
	EXISTING CONTOUR
	PROPERTY LINE
	EDGE OF WET
	EXISTING DRAIN MANHOLE
	EXISTING CATCH BASIN
	PROPOSED WELL
	PROPOSED SPOT GRADE
	EXISTING SPOT GRADE
	UTILITY POLE
	WETLAND
	EDGE OF PAVEMENT
	INVERT
	POLYVINYL CHLORIDE
	REINFORCED CONCRETE PIPE
	SLOPE
	SQUARE FEET
	TEMPORARY BENCHMARK
	CATCH BASIN
	TEST PIT
	PERCOLATION TEST
	TOP OF FOUNDATION
	TOP OF SLAB

NOTES:

1. THERE IS NO SURFACE WATER WITHIN 75' OF THIS LEACH FIELD.
2. MUNICIPAL WATER IS NOT AVAILABLE AT THIS PROPERTY.
3. FAILED SYSTEM MAY BE REPLACED IN THE SAME LOCATION.
4. SEPTIC TANK SIZE TABLE:
2 BEDROOM HOUSE WITH OUT GARBAGE GRINDER-1000 GAL.
2 BEDROOM HOUSE WITH GARBAGE GRINDER -1500 GAL.
3 BEDROOM HOUSE WITH OUT GARBAGE GRINDER-1250 GAL.
3 BEDROOM HOUSE WITH GARBAGE GRINDER -2000 GAL.
4 BEDROOM HOUSE WITH OUT GARBAGE GRINDER-1500 GAL.
4 BEDROOM HOUSE WITH GARBAGE GRINDER -2500 GAL.
5. New Hampshire Department of Environmental Services Administrative Fine Rules ENV-C 602.02
(a) FOR FAILURE TO TRANSFER THE APPROVED PLANS AND SPECIFICATIONS TO THE PURCHASER OF PROPERTY ON WHICH IS SITUATED AN APPROVED SUBSURFACE SEWAGE DISPOSAL SYSTEM, THE FINE SHALL BE \$300 FOR AN INDIVIDUAL AND \$2,000 FOR ANY OTHER PERSON: (For Information Call (603) 431-9366)
6. THERE ARE NO HYDRIC SOILS WITHIN 75' OF THE SEPTIC SYSTEM.

MATERIAL NOTES:

1. FILL SHALL BE CLEAN SOIL, FREE OF TOPSOIL OR HUMUS, DREDGINGS, OR STONES OF MORE THAN 6" IN ANY DIMENSION.
2. SAND SHALL BE MEDIUM TO COARSE TEXTURED WITH AN EFFECTIVE SIZE OF 0.25 TO 2.0 mm, WITH NO GREATER THAN 5% PASSING THE NUMBER 200 SIEVE, AND NO PARTICLES LARGER THAN 3/4".
3. APPROVED SEPTIC STONE SHALL BE ONE NOMINAL SIZE WITHIN THE RANGE OF 3/4 INCHES TO 2-1/2 INCHES AND FREE OF FINES IN ACCORDING WITH AASHTO TEST METHOD T 11-85.
4. ALL PRECAST CONCRETE PRODUCTS SHALL BE NEW ENLAND PRECAST CORP. OR APPROVED EQUAL.

PARCEL NOTES:

1. THE PARCEL ARE LOCATED IN THE RESIDENTIAL AA ZONE.
2. THE PARCEL IS AS SHOWN ON THE TOWN OF HAMPTON ASSESSOR'S MAP 23 AS LOT 4-1A
3. THE PARCEL IS NOT LOCATED IN A FLOOD HAZARD ZONE.
4. TOTAL PARCEL AREA: 103,818 S.F.
2.3833 ACRES
5. SUBDIVISION APPROVAL NUMBER: SA1997000115
6. DEED: R.C.R.D. BK 3073, PG 1005
7. CONSTRUCTION APPROVAL NUMBER: CA1997003940

LOCATION PLAN

REV. 3	9-18-97	REVISE BUILDING FOOTPRINT
REV. 2	8-26-97	ADD CONSTRUCTION APPROVAL NO.
REV. 1	8-1-97	REVISE PROPERTY LINE

SUBSURFACE DISPOSAL SYSTEM PLAN

5 GALE ROAD
HAMPTON, N.H.

Alex. McKinnon
617-312-3274

OWNER: JAMES K. & CHERYL A. FARNHAM
25 GALE ROAD
HAMPTON, N.H. 03842

APPLICANT: MILLETTE, SPRAGUE & COLWELL, INC.
501 ISLINGTON STREET
P.O. BOX 4006
PORTSMOUTH, N.H. 03802-4006
TEL: (603) 431-2222



SCALE: 1" = 20' DATE: JULY 22, 1997

501 ISLINGTON STREET, P.O. BOX 4006, PORTSMOUTH, N.H. (603)431-2222
http://www.msceinginc.com